

**Notice of Allowability**

Application No.

09/966,740

Examiner

Dalei Dong

Applicant(s)

OGURA ET AL.

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed January 3, 2005.
2. ☒ The allowed claim(s) is/are 1-9, 11-49 and 56-60.
3. ☒ The drawings filed on 01 October 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

This application is in condition for allowance except for the presence of claims 50-55 to an invention non-elected without traverse. Accordingly, claims 50-55 have been cancelled.

Claims 50-55. (Cancelled).

***Allowable Subject Matter***

2. Claims 1-9, 11-49 and 56-60 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Regarding to independent claim 1, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a connection wiring formed over the substrate; a passivation film formed on the absorption film and the connection wiring, wherein a portion of the absorption film is in contact with the connection wiring, and wherein a portion of the passivation film is in contact with the connection wiring.

Regarding to claims 2-5, claims 2-5 are allowable because of dependency upon an allowable independent claim 1.

Regarding to independent claim 6, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a connection wiring formed over the substrate; the connection wiring and the passivation film extend beyond the sealant, wherein a portion of the absorption film is in contact with the connection wiring, and wherein a portion of the passivation film is in contact with the connection wiring, and wherein the sealant is in contact with the passivation film and is not overlapped with the absorption film.

Regarding to claims 7-9 and 11, claims 7-9 and 11 are allowable because of dependency upon an allowable independent claim 6.

Regarding to independent claim 12, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a connection wiring formed over the substrate; the connection wiring and the passivation film extend beyond the sealant, wherein a portion of the absorption film is in contact with the connection wiring, and wherein a portion of the passivation film is in contact with the connection wiring, and wherein the sealant is in contact with the passivation film and is not overlapped with the absorption film.

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Regarding to claims 13-17, claims 13-17 are allowable because of dependency upon an allowable independent claim 12.

Regarding to independent claim 18, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a passivation film formed on the absorption film, wherein a second substrate is connected to the first substrate through a sealant, and wherein the sealant is in contact with the passivation film and is not overlapped with the absorption film.

Regarding to claims 19-22, claims 19-22 are allowable because of dependency upon an allowable independent claim 18.

Regarding to independent claim 23, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a connection wiring formed over the substrate and wherein a portion of the inorganic hygroscopic film is in contact with the connection wiring, wherein a portion of the passivation film is in contact with the connection wiring, and wherein the sealant is in contact with the passivation film and is not overlapped with the absorption film.

Regarding to claims 24-26, claims 24-26 are allowable because of dependency upon an allowable independent claim 23.

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Regarding to independent claim 27, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a connection wiring formed over the substrate; a passivation film formed on the inorganic hygroscopic film and on the connection wiring, wherein a portion of the absorption film is in contact with the connection wiring, and wherein a portion of the passivation film is in contact with the connection wiring.

Regarding to claims 28-32, claims 28-32 are allowable because of dependency upon an allowable independent claim 27.

Regarding to independent claim 33, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a passivation film formed on the inorganic hygroscopic film and wherein the sealant is in contact with the passivation film and is not overlapped with the inorganic hygroscopic film.

Regarding to claims 34-41, claims 34-41 are allowable because of dependency upon an allowable independent claim 33.

Regarding to claim 42, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a passivation film formed on the inorganic hygroscopic film and wherein the sealant is in contact with the passivation film and is not overlapped with the inorganic hygroscopic film.

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Regarding to claims 43-49, claims 43-49 are allowable because of dependency upon an allowable independent claim 42.

Regarding to independent claim 56, prior art of record taken alone or in combination fails to teach or suggest a light emitting device comprising a connection wiring formed over the substrate; a passivation film formed on the absorption film and the connection wiring, wherein a portion of the absorption film is in contact with the connection wiring, and wherein a portion of the passivation film is in contact with the connection wiring.

Regarding to claims 57-60, claims 57-60 are allowable because of dependency upon an allowable independent claim 56.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following prior art are cited to further show the state of the art of composition of a light emitting device.

U.S. Patent No. 6,710,542 to Chun.

U.S. Patent No. 6,720,203 to Carcia.

U.S. Patent No. 6,737,753 to Kumar.

U.S. Patent No. 6,777,621 to Ishikawa.

U.S. Patent No. 6,803,127 to Su.

U.S. Patent No. 6,806,638 to Lih.

U.S. Patent No. 6,819,044 to Shirakawa.

U.S. Patent No. 6,831,298 to Park.

U.S. Patent No. 6,833,668 to Yamada.

U.S. Patent No. 6,835,950 to Brown.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dalei Dong whose telephone number is (571)272-2370. The examiner can normally be reached on 8 A.M. to 5 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar Patel can be reached on (571)272-2457. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



D.D.

March 9, 2005



Joseph Williams  
Primary Examiner  
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